EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	19	"6440057"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 08:13
S2	19	((JIN-SUK) near2 (LEE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 08:15
S3	1	((DEOG-KEUN) near2 (KIM)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 08:22
S4	1	((SOON-CHUL) near2 (PARK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 08:22
S5	1	((JOON-PYO) near2 (LEE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 08:22
S6	26	((SUNG-HYUN) near2 (KIM)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 08:23
S7	2	((KEUN-HOO) near2 (LEE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/14 08:23
S8	17	"5514820"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 09:11
S9	58	transesterification same add same (alkyl near3 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 09:56
S10	8	transesterification with add same (alkyl near3 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 09:57
S11	5	add with (alkyl near3 ester) with transesterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:03

S12	0	seeding same transesterification same (alkyl near3 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:06
S13	69	adding with (alkyl near3 ester) same alcohol same (fat? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:07
S14	1	adding with (alkyl near3 ester) with alcohol with (fat? or oil?) same emulsion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:19
S15	0	transesterification same (alkyl near3 ester) same (emulsion near3 breaking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:22
S16	63	(alkyl near3 ester) same (emulsion near3 breaking)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:22
S17	41	S16 and (fat? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:22
S18	422	(alkyl near2 ester) same (as near2 solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:52
S19	75	S18 and $esterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:54
S20	152	(alkyl near2 ester) with (as near2 solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:55

S21	0	S20 and $estrification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:55
S22	24	S20 and (fat? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 10:56
S23	21	(fat? or oil?) near6 alcohol with catalyst with (methyl near2 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:00
S24	2	mixing with (fat? or oil?) with alcohol with catalyst with (methyl near2 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:04
S25	1	(fat? or oil?) with alcohol with catalyst with mixing near6 (methyl near2 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:25
S26	0	mixing near6 ((methyl near2 ester) with (fat? or oil?) with alcohol with catalyst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:28
S27	3	(oil near5 alcohol with hydroxide) same (mixed with (methyl near2 ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:30
S28	0	(oil near5 alcohol near5 emulsion) same (mixed with (methyl near2 ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:32
S29	0	(oil near5 alcohol near5 emulsion) same (mixing with (methyl near2 ester))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:32

S30	7	(oil near5 alcohol near5 emulsion) same (methyl near2 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 11:33
S31	3	transesterification same (single near2 phase near2 reaction near2 mixture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 12:20
S32	0	(single adj phase adj process) same cosolvent same (alkyl near4 ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 16:01
S33	2	(single adj phase adj process) same cosolvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 16:02
S34	249	(single adj phase) same cosolvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 16:02
S35	13	S34 and transesterification	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 16:02
S36	38	cosolvent near8 (alkyl near4 ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/14 16:05
S37	0	(fatty near3 acid near3 alklyl near3 ester) with recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:38
S38	21	(fatty near3 acid near3 alkyl near3 ester) with recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:38

S39	4	S38 and transesterif$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:39
S40	4	(fatty near3 acid near3 alkyl near3 ester) with return$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:42
S41	1002	(fatty near3 acid near3 alkyl near3 ester) with solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:45
S42	63	S41 and transesterif$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:46
S43	53	S42 and (fat? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:47
S44	504	(fatty near3 acid near3 alkyl near3 ester) near10 solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:52
S45	480	S44 not S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:53
S46	7	S45 and transesterif$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:54
S47	6531	(alkyl near5 ester) near7 solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:56

S48	780	S47 and (fat? or oil?) and (esterif$7 or transesterif$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:56
S49	43	S48 and recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 19:57
S50	45	"2383601"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/19 20:40
S51	2	"6933398"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/21 11:26
S52	3	((nikolaus) near2 (foidl)).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/21 12:04
S53	9	"4004041"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/21 12:22
S54	3	"7166311"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/21 12:30
S55	1029	transesterification same reflux	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/22 11:39
S56	438	S55 and (far? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/22 11:40

S57	29	S56 and (fatty near2 acid near2 alkyl near2 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/22 11:40
S58	0	biodiesel with (preesterification near7 (free near2 fatty near2 acid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/22 11:52
S59	86	"5525126" "4698186" "4164506".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/18 16:50
S60	23	((JIN-SUK) near2 (LEE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:45
S61	1	((DEOG-KEUN) near2 (KIM)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:46
S62	1	((SOON-CHUL) near2 (PARK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:46
S63	1	((JOON-PYO) near2 (LEE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:46
S64	32	((SUNG-HYUN) near2 (KIM)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:46
S65	2	((KEUN-HOO) near2 (LEE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/18 19:47
S66	3978	(esterification or esterify) same (fat? or oil?) same solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 12:50
S67	153	reflux near10 (crude near5 ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 12:57
S68	39	S67 and (esterification or esterify or preesterification or preeserify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 12:58

S69	39	S67 and (esterification or esterify or preesterification or preesterify)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:06
S70	9	"5116546"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:06
S71	1077	554/ 167,169,170,174.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:33
S72	0	S71 and S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:34
S73	57	S71 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:34
S74	742	44/ 408,385,388.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:43
S75	14	S66 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:43
S76	4892	esterification near5 solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:44
S77	297	(fatty adj acid adj methyl adj ester) near10 solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:45

S78	9	S76 and S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:45
S79	0	S67 and S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:50
S80	0	S67 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:50
S81	32	S71 and S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:51
S82	0	method with (fatty adj acid adj methyl adj ester?) with alcohol with (methyl adj ester) with (acid adj catalyst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:54
S83	1	(fatty adj acid adj methyl adj ester?) with alcohol with (methyl adj ester) with (acid adj catalyst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:54
S95	18	"4652406"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/31 13:59
S96	2	"20060293532"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:19
S97	6	(transesterification with (fat? or oil?)) same recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:23

S98	2154	transesterification with (fat? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:23
S99	0	recycle same glycerine same (fatty adj acid adj alkyl adj ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:23
S100	7	recycle same glycerine and (fatty adj acid adj alkyl adj ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:24
S101	105	recycle same glycerine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:27
S102	8	S98 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:27
S103	23	recycle with glycerine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:28
S104	2	S103 and S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:28
S105	21	recycle same (fatty adj acid adj alkyl adj ester?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:32
S106	8	S98 and S105	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:32

S107	303	transesterification same recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:49
S108	101	S107 and (fat? or oil?)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:49
S109	35	recycle same (fatty adj acid adj methyl adj ester)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:50
S110	8	S107 and S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:50
S111	1086	554/167,169,170,174.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:54
S112	40	S111 and S98 and recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 17:54
S113	757	44/408,385,388.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 18:04
S114	7	S113 and S98 and recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 18:04
S121	7	"6812359"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 18:20

S122	1	S121 and recycle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/17 18:22

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S84	574	554/167,169,170,174.ccls.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S85	418	44/408,385,388.ccls.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S86	6	((JIN-SUK) near2 (LEE)).INV.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S87	0	((DEOG-KEUN) near2 (KIM)).INV.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S88	0	((SOON-CHUL) near2 (PARK)).INV.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S89	0	((JOON-PYO) near2 (LEE)).INV.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S90	14	((SUNG-HYUN) near2 (KIM)).INV.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S91	1	((KEUN-HOO) near2 (LEE)).INV.	USPAT; UPAD	OR	ON	2010/05/31 13:49
S92	836	(esterification or esterify) same (fat? or oil?) same solvent	USPAT; UPAD	OR	ON	2010/05/31 13:55
S93	14	S84 and S92	USPAT; UPAD	OR	ON	2010/05/31 13:55
S94	11	S85 and S92	USPAT; UPAD	OR	ON	2010/05/31 13:58
S115	687	transesterification with (fat? or oil?)	USPAT; UPAD	OR	ON	2010/08/17 18:05
S116	579	554/167,169,170,174.ccls.	USPAT; UPAD	OR	ON	2010/08/17 18:05
S117	0	"I29" and S116 and recycle	USPAT; UPAD	OR	ON	2010/08/17 18:05
S118	21	S115 and S116 and recycle	USPAT; UPAD	OR	ON	2010/08/17 18:05
S119	417	44/408,385,388.ccls.	USPAT; UPAD	OR	ON	2010/08/17 18:07
S120	0	S115 and S119 and recycle	USPAT; UPAD	OR	ON	2010/08/17 18:07
S123	6	((JIN-SUK) near2 (LEE)).INV.	USPAT; UPAD	OR	ON	2010/08/17 18:51
S124	0	((DEOG-KEUN) near2 (KIM)).INV.	USPAT; UPAD	OR	ON	2010/08/17 18:51

S125	0	((SOON-CHUL) near2 (PARK)).INV.	USPAT;UPAD	OR	ON	2010/08/17 18:51
S126	0	((JOON-PYO) near2 (LEE)).INV.	USPAT;UPAD	OR	ON	2010/08/17 18:51
S127	14	((SUNG-HYUN) near2 (KIM)).INV.	USPAT;UPAD	OR	ON	2010/08/17 18:51
S128	1	((KEUN-HOO) near2 (LEE)).INV.	USPAT;UPAD	OR	ON	2010/08/17 18:52

8/17/2010 6:53:20 PM
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